



Machinery Rescue Technician (2021) Interim Procedures

Issued: May 2023

Procedure Changes

- Edition:** May 2020 edition of the State Fire Training Procedures Manual
- Effective Date:** May, 18, 2023 (anticipated)
- Section Changes:** Modify and update the following sections:
- 6.7.9: Fire Fighting and Rescue Instructor
- Justification:** Following approval by the State Board of Fire Services (SBFS), the new Machinery Rescue Technician (2021) will go into effect on June 1, 2023. The new curriculum provides directive for Instructor qualifications.
- SFT Contact:** SFT Staff assigned to Instructor Registration.
- Note:** All new text appears in underline. All deleted text appears in ~~strikeout~~.

6.7.9: FIRE FIGHTING AND RESCUE INSTRUCTOR

6.7.9.1: Eligible Courses

Table 6.7.9.1: Fire Fighting and Rescue Instructor Eligible Courses

CFSTES Courses	FSTEP Courses
<ul style="list-style-type: none"> • None 	<ul style="list-style-type: none"> • Aircraft Rescue and Firefighting Awareness • Confined Space Rescue Awareness • Fire Fighter Survival • Incident Safety Awareness for Hired Vendors • Low Angle Rope Rescue Operational (LARRO) • <u>Machinery Rescue Technician</u> • Open Water Rescuer – Basic • Open Water Rescue Boat Operator – Small Vessel • Open Water Rescue Boat Operator – Large Vessel • Personal Watercraft Operations • Rapid Intervention Crew (RIC) Operations • Rescue Boat Operations • River and Flood Water Rescue • River/Flood Rescue Technician • River and Flood Rescue Boat Technician (2019) • Trench Rescue • Vehicle Extrication

6.7.9.2: General Qualifications

A. A Registered Instructor for a Fire Service Training and Education Program (FSTEP) Fire Fighting and Rescue course shall meet the following the qualifications required of all State Fire Training (SFT) Registered Instructors.

1. See **6.2.1: Qualifications**.

6.7.9.3: Course Work

- A. Attending and passing SFT’s Confined Space Rescue Technician course meets the requirement for attending and passing Confined Space Rescue Awareness.
- B. Registered Low Angle Rope Rescue Operational Instructors must have attended and passed ICS-200: Basic ICS.
- C. Attending and passing SFT’s Auto Extrication (1996) course meets the requirement for attending and passing Vehicle Extrication.
- D. Incident Safety Awareness for Hired Vendors instructors must have attended and passed Incident Safety Awareness for Hired Vendors (2018); Introduction to Incident Command System (ICS-100); Firefighter Training (S-130); Introduction to Wildland Fire Behavior (S-190); Intermediate Wildland Fire Behavior (S-290); Human Factors in the Wildland Fire Service (L-180); ICS for Single Resources and Initial Action Incidents (IS-200.B); and National Incident Management System - An Introduction (NIIMS 700.A).
- E. Meeting all of the following conditions fulfills the requirement for attending and passing Machinery Rescue Technician (2021). This waiver is valid through December 31, 2023.
 - 1. Registered Instructor of Vehicle Extrication or Common Passenger Vehicle Rescue Technician
 - 2. Registered Instructor of Structural Collapse Specialist 2: Technician (SFT); or Structural Collapse Specialist 4.0 (FEMA); or Rescue Systems 1 (SFT – modules 2 and 4) and Rescue Systems 2 (SFT); or Rescue Systems 3 (SFT – all modules)
 - 3. Complete the Machinery Rescue Technician Instructor Roll Out course

6.7.9.4: Teaching Experience

- A. It is recommended that a new instructor for SFT’s Incident Safety Awareness for Hired Vendors co-teach with a primary instructor during their first course presentation.

6.7.9.5: Professional Experience

- A. A Registered Primary Instructor for an FSTEP Fire Fighting and Rescue course shall meet the professional experience qualifications listed below.
 - 1. Performing in an “acting” capacity does not qualify.

Table 6.7.9.5: Fire Fighting and Rescue Instructor Professional Experience

FSTEP Course	Experience
<ul style="list-style-type: none"> • Aircraft Rescue and Firefighting Awareness 	<ul style="list-style-type: none"> • Held the rank of Fire Fighter and/or performed rescue duties within a recognized fire agency in California for a minimum of three (3) years; or

FSTEP Course	Experience
	<p>worked in a volunteer position or paid call firefighter with a Recognized Fire Agency in California for a minimum of five (5) years.</p> <ul style="list-style-type: none"> • Have a minimum of three years’ experience within a recognized fire agency in California in the field of aircraft rescue and fire fighting
<ul style="list-style-type: none"> • Confined Space Rescue Awareness • Low Angle Rope Rescue Operational 	<ul style="list-style-type: none"> • Held the rank of Fire Fighter and/or performed rescue duties within a recognized fire agency in California for a minimum of two (2) years
<ul style="list-style-type: none"> • Low Angle Rope Rescue Operational • Open Water Rescuer - Basic • Personal Watercraft Operations • Rescue Boat Operations • River and Flood Water Rescue • Trench Rescue 	<ul style="list-style-type: none"> • Held the rank of Fire Fighter and/or performing suppression/rescue duties within a recognized fire agency in California for a minimum of two (2) years
<ul style="list-style-type: none"> • Incident Safety Awareness for Hired Vendors 	<p>Letter verifying the following experience:</p> <ul style="list-style-type: none"> • Minimum of five (5) years’ full-time paid experience in a federal, state, local, or provincial fire agency and holds the rank of Company Officer • Has responded as a Single Resource or Overhead assignment which has gone through a check-in, briefing, and demobilization (completed a Shift Ticket) process on a campaign fire • Has working knowledge, skills, and abilities performing within Incident Command • Has been assigned to an incident within the last five (5) years (Red Card currency)
<ul style="list-style-type: none"> • Rapid Intervention Crew (RIC) Operations • Fire Fighter Survival 	<ul style="list-style-type: none"> • Have five (5) years suppression/rescue experience, of which two (2) years must be while holding the rank of Fire Fighter performing suppression/rescue duties within a recognized fire agency in California
<ul style="list-style-type: none"> • Open Water Rescue Boat Operator – Small Vessel • Open Water Rescue Boat Operator – Large Vessel • River and Flood Rescue Boat Technician 	<ul style="list-style-type: none"> • Held the rank of Fire Fighter and/or performed rescue duties within a recognized fire agency in California for a minimum of three (3) years; or worked in a volunteer position or paid call Fire Fighter with a Recognized Fire Agency in California for a minimum of five (5) years. • Specific expertise in Technical Rescue as it

FSTEP Course	Experience
	relates to Open Water Search and Rescue Boat Operations and Seamanship. Expertise must be relative to the size of the vessel and power configuration and qualify based on the scope required for the curriculum chosen to facilitate.
<ul style="list-style-type: none"> • River and Flood Rescue Technician 	<ul style="list-style-type: none"> • Held the rank of Fire Fighter and/or performed rescue duties within a recognized fire agency in California for a minimum of two (2) years; or worked in a volunteer position or paid call Fire Fighter with a Recognized Fire Agency in California for a minimum of four (4) years.
<ul style="list-style-type: none"> • Vehicle Extrication 	<ul style="list-style-type: none"> • Have three (3) year’s suppression/rescue experience performing suppression/rescue duties within a recognized fire agency in California
<ul style="list-style-type: none"> • <u>Machinery Rescue Technician</u> 	<ul style="list-style-type: none"> • <u>Have a minimum of three (3) years’ full-time or six (6) years’ part-time/volunteer experience performing suppression/rescue duties within a recognized fire agency in California</u>

6.7.9.6: Task Book

A. Fire Fighter Survival

1. An Instructor applicant for Fire Fighter Survival shall complete the appropriate instructor trainee task book.
2. A Registered Fire Fighter Survival Primary Instructor must sign off on the applicant’s task book within two (2) years of its initiation.

B. Low Angle Rope Rescue Operational

1. An Instructor applicant for Low Angle Rope Rescue Operational (LARRO) shall complete the appropriate Instructor Trainee Task Book.
2. A Registered LARRO Primary Instructor must sign off on the applicant’s Task Book within two (2) years of its initiation.

C. Rapid Intervention Crew Operations

1. An Instructor applicant for Rapid Intervention Crew Operations shall complete the appropriate Instructor Trainee Task Book.
2. A Registered Rapid Intervention Crew Operations Primary Instructor must sign off on the applicant’s Task Book within two (2) years of its initiation.

D. Machinery Rescue Technician

1. A new Instructor applicant shall complete the Machinery Rescue Technician Instructor Task Book.
2. A reciprocity Instructor applicant who applies on or before December 31, 2023, is not required to complete the Machinery Rescue Technician Instructor Task Book.